

Converting Colors

XYZ(25.4543, 21.4689, 14.3576)

Have a look what the booklet for
XYZ(25.4543, 21.4689, 14.3576)
contains.

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Color

**XYZ(25.4543, 21.4689,
14.3576)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7062
RGB	174, 112, 98
RGB Percent	68%, 44%, 38%
CMY	0.3176, 0.5608, 0.6157
CMYK	0.00, 0.36, 0.44, 0.32
HSL	11°, 32%, 53%
HSV	11°, 44%, 68%
XYZ	25.4543, 21.4689, 14.3576
YIQ	128.9420, 41.4460, 8.7900

Conversions

Conversions Part 2

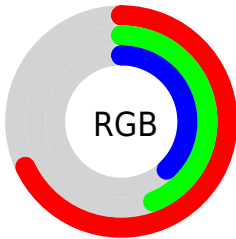
Format	Color
RYB	174, 115, 98
Decimal	11432034
CIELab	53.46, 22.90, 17.96
CIELCh	53, 29.099, 38.110
Yxy	21.4689, 0.4154, 0.3503
Android (android.graphics.Color)	4289622114 (0xFFAE7062)
YUV	128.9420, -15.2544, 39.5159
Hunter-Lab	46.3345, 16.9751, 14.0621

Details

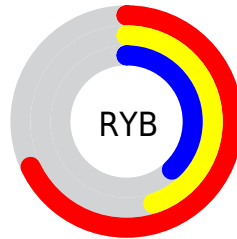
The XYZ color **25.4543, 21.4689, 14.3576** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.2470, 30.7927, 44.6571**, and the grayscale version is **20.8880, 21.9758, 23.9317**.

A 20% lighter version of the original color is **51.6553, 45.7098, 34.5341**, and **9.9828, 7.7160, 4.0951** is the 20% darker color. If you saturate the color by 10%, you get **23.2758, 18.2869, 10.0093**, and if you desaturate by 10%, it is **28.0594, 25.2183, 19.7296**.

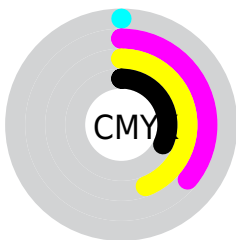
Distribution



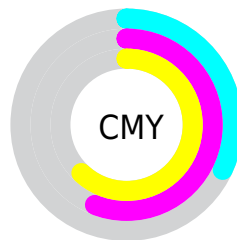
- Red (68%)
- Green (44%)
- Blue (38%)



- Red (68%)
- Yellow (45%)
- Blue (38%)



- Cyan (0%)
- Magenta (36%)
- Yellow (44%)
- Black (32%)





- Cyan (32%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4543, 21.4689, 14.3576 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 25.4543, 21.4689, 14.3576 by changing the saturation by 10% instead.

 25.4543, 21.4689,
14.3576


 25.4543, 21.4689,
14.3576


272.3990,
259.7600, 230.9495


 16.5464, 13.4672,
8.2282


 51.8309, 45.8666,
34.4484


 10.0049, 7.7510,
4.1515


 70.0302, 63.0314,
49.2469

 5.4645, 3.9361,
1.7088

 92.0575, 84.0193,
67.7722

 2.5598, 1.6379,
0.3668

 118.2779,
109.2148, 90.4429

 0.9255, 0.3829,
0.0000

149.0569,
139.0022, 117.6774

 0.0000, 0.0000,
0.0000

184.7599,

173.7660, 149.8943

225.7521,
213.8905, 187.5122

■ 25.4543, 21.4689,
14.3576

■ 25.4543, 21.4689,
14.3576

■ 23.2758, 18.2869,
10.0093

■ 28.0594, 25.2183,
19.7296

■ 21.4990, 15.6412,
6.6181

■ 31.1109, 29.5577,
26.1837

■ 20.0990, 13.5029,
4.1113


■ 34.6293, 34.5123,
33.7754


■ 19.0470, 11.8387,
2.4052


■ 38.6332, 40.1050,
42.5559


■ 18.3101, 10.6112,
1.3998


■ 43.1405, 46.3575,
52.5735

 17.9737, 10.0350,
0.9896

 48.1679, 53.2904,
63.8735

 53.7314, 60.9234,
76.4993

 59.8462, 69.2756,
90.4918

 66.5272, 78.3650,
105.8905

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.8810, 21.4689, 21.0536



25.4543, 21.4689, 14.3576



22.7052, 21.4689, 10.8615

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.4543, 21.4689, 14.3576



15.3675, 21.4689, 17.5810



21.2565, 21.4689, 44.6293

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.4543, 21.4689, 14.3576



25.2470, 30.7927, 44.6571

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.2666, 21.4689, 43.0205



25.4543, 21.4689, 14.3576



15.0637, 21.4689, 25.8631

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.4543, 21.4689, 14.3576



16.9493, 21.4689, 12.3683



16.0728, 21.4689, 35.5486



24.3023, 21.4689, 39.5105

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.4543, 21.4689, 14.3576



20.6024, 21.4689, 10.1463



16.0728, 21.4689, 35.5486



20.2099, 21.4689, 44.8778

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.4548, 21.4700, 14.3580



63.1204, 63.0312, 61.9314



28.1742, 20.2746, 35.7166



13.7022, 13.5505, 13.0540



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.4548, 21.4700, 14.3580



42.4934, 33.5729, 18.6905



30.5558, 31.6719, 16.0583



8.1202, 8.2453, 8.3769



13.0694, 7.3443, 0.7287



0.3981, 0.2734, 0.0318

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.2470, 30.7927, 44.6571



42.0371, 52.5506, 80.5646



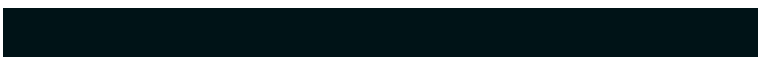
19.6448, 19.5883, 42.7897



8.1090, 8.8173, 10.2272



12.5904, 16.3147, 31.5300



0.3823, 0.5180, 0.8878

Previews

White Background



This preview shows how the XYZ color 25.4543, 21.4689, 14.3576 looks on a white background.

Color Contrast Check

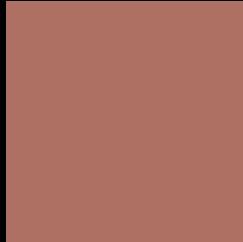
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 25.4543, 21.4689, 14.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4543, 21.4689, 14.3576

Background



This preview shows how black text looks on a background with the XYZ color 25.4543, 21.4689, 14.3576.



This preview shows how white text looks on a background with the XYZ color 25.4543, 21.4689,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.4543, 21.4689, 14.3576

Protanopia

20.2606, 21.6092, 16.4677

Deuteranopia

21.9568, 21.5898, 14.0763



Tritanopia

26.5840, 21.4517, 19.5691

Trichromacy



Original Color

25.4543, 21.4689, 14.3576

Protanomaly

21.7522, 21.2679, 15.5290

Deuteranomaly

23.0526, 21.4276, 14.2302

Tritanomaly

26.0696, 21.3916, 17.5068

Monochromacy



Original Color

25.4543, 21.4689, 14.3576

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0300, 21.4937, 20.1271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4543, 21.4689, 14.3576 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 112, 98)` looks like.

```
.text, #text, p{  
    color:rgb(174, 112, 98)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 112, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 112, 98) }
```

Border

The CSS property to change the border of an element to XYZ 25.4543, 21.4689, 14.3576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 112, 98) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(174, 112, 98) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(174, 112, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 112, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 112, 98);  
box-shadow:4px 4px 4px 4px rgb(174, 112,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4543, 21.4689, 14.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 112, 98) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174,  
112, 98) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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